PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute	o for form 1449A/PTO			Complete if Known			
•				Application Number	Not Assigned Yet		
	INFORMATION DIS	SCLOSUR	Ę	Filing Date	On even date herewith		
	STATEMENT BY A	APPLICAN	T	First Named Inventor	AOTA, KINYA		
		•		Art Unit	3635		
	(use as many sheets a	s necessary)_	_	Examiner Name	R, Canfield		
Sheet	1	of	2	Attorney Docket Number	503.35255VX1		

•				U.S. PATENT I	DOCUMENTS	
xaminer	Cite No.	Document Number Number-Kind Code ² (if known)		Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
W		US-5,388,529	1995		Tieberghien et al.	
V/N		US-5,979,742	1999		Enomoto et al.	
		US-3,849,871	1974		Kaunitz	
		US-5,794,835	1998		Colligan, et al.	
		US-5,460,317	1995		Thomas, et al.	
JV_		US-5,140,913	1982		Takeichi, et al.	
Qa		US-5,098,007	1992		Tsuruda, et al.	
78	,	US-				
		US-				
		US-				
_		US				
		US-				
		US-				
		US-				
		US-				
		US-	1 1			

xaminer	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages	
Initials'	No.	Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	or Relevant Figures Appear	T.
\cdot \mathcal{M}		JP 57-112813	1980			
R		JP 54-11250	1979			<u> </u>
		JP 7-266068	1995			
		JP 10-216964	1998			ļ
		JP 60-166177	1985			ا نـــٰ
1		JP 51-111925	1975			١.,
	· · · · ·	JP 6-156272	1994			
III		JP 7-33016	1996			<u> </u>
7		JP 0 579 500 A1	1994			.
90		WO 93/10935	1993		· · · · · · · · · · · · · · · · · · ·	╁┈

	\sim		 <u> </u>	 		4		
Examiner Signature	V			Date Considered	11/	20/	105	·
	 , '	-		 				

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁵Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute	tor form 1449B/PTO	•		Complete if Known				
•				Application Number	Not Assigned Yet			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Filing Date	On even date herewith			
				First Named Inventor	AOTA, KINYA			
				Group Art Unit	3635			
				Examiner Name	R. Canfield			
Sheet	2	of	2	Attorney Docket Number	503.35255VX1			

aminer itials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, situ and/or country where published.	T²
\mathcal{M}		Friction Stir Process Welds Aluminum Alloys, Welding Journal, American Welding Society, Vo. 75, No. 3 (1996)	
4		Light Metal Welding Vol. 33, No. 7, pp. 19-26 (1995)	:
		Two Prints dated June 23, 1993 showing details from a video from the Welding Institute	·
-	. <i>j</i>	Verksstadnerna Nr 2, pp. 32 and 34 (1996)	
	-	Advanced Materials & Processes, pp. 22-23, (1993)	
		Metalworking Technology Europe, Sterline Publication, pp. 143-145, (1994)	1
		An Introduction to Friction Stir Welding and its Development, by CJ Dawes, Welding & Metal Fabrication, pp. 13-16, (1995)	
	J	Welding and Material Fabrication, Vol. 63, No. 1, pp. 13-16, January (1995)	
	J	The 2 nd International Forum on Aluminum Ships/Conference Proceedings, "Leading the Way", November 22-23 (1995), front page, §III (contents), 4.0 New joining technologies for ship constructions	
1		Aluminum Technology Handbook, Light Metal Association, June 16 (1985), front page, contents, pp. 1682-1693, back page	
	J	Verk Standerna, front page, page 3, (table for contents), page 5, pp. 32-34 $$ no $$ date $$ q $$ 1	19
	/	Sventsaren, Vol. No. 3, front page, contents, pp. 5-6, (1995)	
17	7	Billentin 6, November/December (1995), front page, contents, pp. 124-127, 142, back page	
90	J	The 4 th International Conference on: Aluminum Alloys, Vol. 1, Conference Proceedings, September 11-16, (1994), front page, contents, pp. 451-457	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

^{&#}x27;Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.